

27/51 WPAM - (C) Derwent

AN - 1984-005130 [01]

XA - C1984-002180

TI - Neutral calcium alkylbenzene sulphonate prepn. - by neutralisation of alkylbenzene sulphonic acid with calcium oxide suspension and with sodium hydroxide soln.

DC - A60 C03 E14 F08

PA - (GERS/) GERSHENOVICH A I

IN - ERMOLAEV VE; GERSHENOV AI; ILIN BA

NP - 1

NC - 1

PN - SU1002287 A 19830307 DW1984-01 3p \*

AP: 1981SU-3309256 19810630

PR - 1981SU-3309256 19810630

AB - SU1002287 A

Neutral calcium alkylbenzene sulphonate (used in prodn. of artificial leather and in poisonous chemicals prodn.) is prepd. by alkylbenzene sulphonic acid neutralisation in two stages in the presence of low molecular alcohol (e.g. isobutanol) at 20-50 deg. C by carrying the first neutralisation stage with aq. suspension of calcium hydroxide to pH 1.5-6.0 and the second stage by addn. of aq. sodium hydroxide to pH 6.3-7.1, sepn. of the solid phase and azeotropic distn. of the liquid phase and concn.

- The obtd. prod. is a 50% isobutanolic soln. of calcium alkylbenzene sulphonate, free from solid phase, stable during storage, with colour on the iodine scale not greater than 1.0 units.
- Water content is not greater than 0.01%.
- (3pp Dwg.No 0/0)